

ABSTRACT

5 The present invention provides a laminated nonwoven fabric wherein the nonwoven fabric is a laminated one formed by integrating, through compressive bonding, a stacked nonwoven fabric structure comprising an upper and a lower thermoplastic synthetic filamentary fiber layer that have a fiber diameter from 7 μm or more to 20 μm , and an intermediate layer composed of thermoplastic
10 synthetic fine fibers that have a fiber diameter of 5 μm or less, the laminated nonwoven fabric having an intimately mixed structure in which a portion of the fine fibers is intruded into at least one face side of the filamentary fiber layers with an intrusion index of 0.36 or more to bond, surround or interlace the filamentary
15 fibers, a METSUKI of from 10 g or more to 250 g/m^2 , and a bulk density of 0.20 g/cm^3 or more.

The spun-bonded laminated nonwoven fabric of the present invention is a nonwoven fabric material that has
20 durable various filtering and barriering functions exhibited by the fine fiber layer forming the nonwoven fabric structure, and that is far more excellent in tensile tenacity than the corresponding spun-bonded nonwoven fabric.